



NXP Semiconductors / Freescale

MPC8347VVAGD

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8347VVAGD                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 400MHZ 672TBGA                                                                                |
| Datasheets:         |  MPC8347VVAGD.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

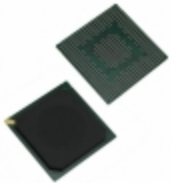
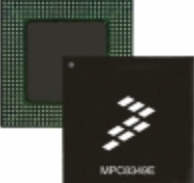
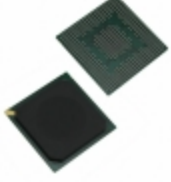
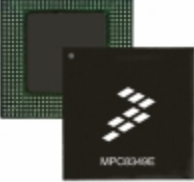
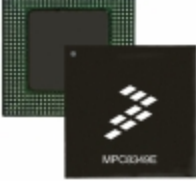
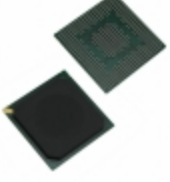
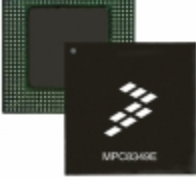
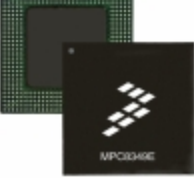
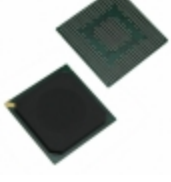
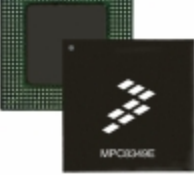
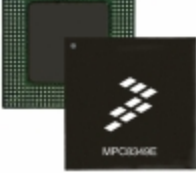
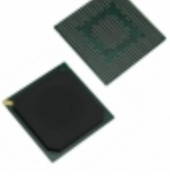
Specifications of MPC8347VVAGD

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8347VVAGD                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                       |
| DESCRIPTION                      | IC MPU MPC83XX 400MHZ 672TBGA                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| DATA SHEET                       |  MPC8347VVAGD.pdf |
| VOLTAGE - I/O                    | 2.5V, 3.3V                                                                                           |
| USB                              | USB 2.0 + PHY (2)                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 672-TBGA (35x35)                                                                                     |
| SPEED                            | 400MHz                                                                                               |
| SERIES                           | MPC83xx                                                                                              |
| SECURITY FEATURES                | -                                                                                                    |
| SATA                             | -                                                                                                    |
| RAM CONTROLLERS                  | DDR                                                                                                  |
| PACKAGING                        | Tray                                                                                                 |
| PACKAGE / CASE                   | 672-LBGA                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TA)                                                                                     |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| GRAPHICS ACCELERATION            | No                                                                                                   |
| ETHERNET                         | 10/100/1000 Mbps (2)                                                                                 |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                    |
| DETAILED DESCRIPTION             | PowerPC e300 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 672-TBGA (35x35)                        |
| CORE PROCESSOR                   | PowerPC e300                                                                                         |
| CO-PROCESSORS/DSP                | -                                                                                                    |
| BASE PART NUMBER                 | MPC8347                                                                                              |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, PCI, SPI                                                                    |

Related Tags

|                                             |                                         |                                                 |
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| NXP Semiconductors / Freescale MPC8347VVAGD | MPC8347VVAGD Distributor                | MPC8347VVAGD Supplier                           |
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| Freescale Semiconductor - NXP MPC8347VVAGD  | NXP USA Inc. MPC8347VVAGD               |                                                 |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                  |
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|  <div><b>MPC8347VRAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: 385 pcs<br/><div>RFQ</div></div>   |  <div><b>MPC8347VVAJDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 533MHZ 672TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8347VRAGD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC8347EZUALFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 667MHZ 672TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC8347VVALFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 667MHZ 672TBGA<br/>In stock: 56 pcs<br/><div>RFQ</div></div>   |  <div><b>MPC8347VVAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: 122 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MPC8347VVAJF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 533MHZ 672TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8347EZUAJFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 533MHZ 672TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC8347VRADDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8347VVAJD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 533MHZ 672TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MPC8347VVAJFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 533MHZ 672TBGA<br/>In stock: 31 pcs<br/><div>RFQ</div></div>   |  <div><b>MPC8347VRADD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |